Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 06:00 on Sunday 20 Aug 2023 until 23:59 on Monday 21 Aug 2023

Forecast Issued on Sunday 20 Aug 2023 at 00:20

Confidence: High confidence for more settled conditions in the coming days. Lower confidence for shower and cloud details, especially Wednesday and Thursday.

Headline for Sunday 20 Aug 2023: Low cloud lifting, then sunny spells, with isolated showers.

Mountain weather hazards on Sunday 20 Aug 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** Low Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** High Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Fog	Cloudy	Light rain showers	Sunny intervals	Sunny intervals	Partly cloudy (night)
Precipitation probability					
20%	20%	40%	10%	10%	10%

Forecast for Sunday 20 Aug 2023

Weather: Cloud will lift and break this morning leaving a day of sunny spells. A few showers developing during the morning, although most places will stay dry. Showers tending to die out from late afternoon, leaving a dry evening.

Chance of cloud-free hill tops above 600m: 30% becoming 90% by early afternoon.

Low Cloud and visibility: Areas of cloud developing overnight, base 400-500m, quickly lifting and breaking above the hills during the morning, with cloud well above hilltops during the afternoon. Visibility mostly good, but moderate in any showers and very poor in early low cloud covering the hills.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Forecast for Sunday 20 Aug 2023

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	15/21 SW	18/25 SW	16/23 SW	19/27 SW	15/21 SW	13/21 SW	14/21 SW
300	9/18 SW	11/21 SW	11/21 SW	13/25 SW	9/19 SW	6/17 SW	5/15 SW
Valley	6/17 SW	9/19 SW	11/23 SW	12/24 SW	7/16 SW	5/14 S	5/15 S

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	12/9	12/9	14/11	14/11	13/11	12/10	11/9
300	14/13	15/14	16/15	17/15	16/14	13/12	12/12
Valley	15/15	17/16	18/16	19/16	17/16	14/14	14/14
Freezing Level*	2300m	2200m	2300m	2100m	2200m	2200m	2200m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

UV levels will be moderate to high so sun protection is recommended.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Sun 20 Aug 2023	1mm	14.8mm	14.8mm

Forecast for Monday 21 Aug 2023

Weather: Areas of low cloud developing overnight, but largely dry. Then cloud lifting and breaking during the morning, with sunny spells developing, and scattered showers. Showers dying out from late afternoon, with evening sunny spells. Remaining windy.

Maximum wind: Southwesterly 25-30 mph, gusting 40-45 mph.

Chance of cloud-free hill tops above 600m: 30% becoming 90% by mid-morning

Low Cloud and visibility: Areas of cloud, base 400-500m, developing overnight. This lifting and breaking above all hills during the morning. Visibility mostly good, but moderate in any showers and very poor in low cloud covering the hills.

Temperature: **Valleys:** Plus 10C becoming plus 21C.
At 600m: Plus 13C
Freezing level: Above the summits.

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